

# Alston & Bird LLP

Bank of America Plaza  
101 South Tryon Street, Suite 4000  
Charlotte, NC 28280-4000  
(704) 444-1000  
Fax (704) 444-1111

March 3, 2010

Certificate of Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: United States Patent for *Device For Emitting Seismic Vibration Waves*  
Application No. 10/599,023; Filed March 18, 2005  
Patent No. 7,499,378; Issued March 3, 2009  
Our File 047578/316971

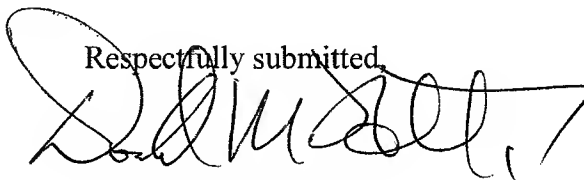
---

Sir:

It is respectfully requested that a Certificate of Correction be issued for the above-identified patent, in accordance with 37 C.F.R. §1.322. This request is made in order to correct the mistakes incurred through the fault of the United States Patent and Trademark Office ("USPTO").

The mistakes appearing in the patent are set forth on the Certificate of Correction e-filed herewith.

Respectfully submitted,



Donald M. Hill, Jr.  
Registration No. 40,646

DMH:mf  
Enclosure

LEGAL02/31790180v1

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

PATENT NO. : 7,499,378 B2

Page 1 of 1

APPLICATION NO. : 10/599,023

ISSUE DATE : March 3, 2009

INVENTOR(S) : Buttin et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1,

Line 56, "angle a" should read --angle  $\alpha$ --.

MAILING ADDRESS OF SENDER

ALSTON & BIRD LLP  
Bank of America Plaza  
101 South Tryon Street, Suite 4000  
Charlotte, NC 28280-4000  
Tel Charlotte Office (704) 444-1000